REMARKS/ARGUMENTS

Claims 1-3, 5-14, 16-30, and 32-35 are pending. Claims 1, 12 and 25 are amended herein. No new matter is added as a result of the Claim amendments.

35 U.S.C. § 103 Rejections

Claims 1-3, 5-14, and 16-24 are rejected under 35 U.S.C. § 103 (a) as being unpatentable over Gvili, (U.S. Patent No. 5,717,593), hereinafter referred to as "Gvili," in view of Fowler et al, (U.S. Patent No.6,104,979), hereinafter referred to "Fowler," McClure et al, (U.S. Patent No.6,539,303), hereinafter referred to as "McClure," and Murphy (U.S. Patent No. 6,711,475), hereinafter referred to as "Murphy." The Applicants respectfully submit that the recited embodiments of the present invention are not rendered obvious by the combination cited above. Claim 1 of the present invention recites (emphasis added):

> An integrated guidance system comprising:
> a position determination system adapted for determining a current position;
> a lightbar device adapted for providing a visual representation of a deviation of said current position from a desired path to guide movement along said desired path;
> a data input device for scrolling, selecting, and editing operations, including configuring said position determining system with a menu;
> a display device for displaying text, said menu and graphics;
> a processor adapted for facilitating user interaction by integrating operation of said position determination system, said lightbar device, said data input device, and said display device; and
> a housing enclosing said position determination system, said lightbar device, said data input device, said display device and said processor.

Independent Claim 1 has been amended to include the limitations "a data input device for scrolling, selecting, and editing operations, including configuring said position determining system with a menu" and "displaying said menu." Claim 12 recites similar claim limitations

with the exception of the processor claimed in Claim 1. Claim 25 recites method of interacting with a guidance system wherein a display device, a guidance system, and a data input device are integrated in a housing.

The Applicants respectfully submit that Gvili does not teach or suggest a position determination system, a lightbar device, a data input device for configuring a position determining system with a menu, a display device for displaying the menu and a processor which are enclosed in a housing as recited in Claim 1. In fact, Gvili fails to teach or suggest configuring the position determining system at all.

Furthermore, Gvili teaches away from the recited Claim limitations in showing (e.g., Figure 1) that lightbars 40 and 50, computer 70, which further comprises the guidance system, and from the display 73/control panel 72 are separate components. Furthermore, Gvili does not teach or suggest disposing these components in a single housing as recited in embodiments of the present invention. Similarly, the Applicants respectfully submit that Gvili does not teach or suggest the recited Claim limitations recited in Claims 12 and 25 of the present invention.

The Applicants respectfully submit that Fowler does not overcome the shortcomings of Gvili. More specifically, Fowler does not teach or suggest a position determination system adapted for determining a current position, or a lightbar device adapted for providing a visual representation of a deviation of the current position from a desired path to guide movement along the desired path, which are disposed in housing that also encloses a data input device, a display device and a processor as recited in Claim 1 of the present invention. Instead, Fowler also

teaches away from the recited Claim limitations in column 3, lines 50-52 which state that the GPS receiver is external to the system. Furthermore, Fowler teaches in column 4, lines 31-44 that the display shows a number indicating a distance from a desired swath, as well as arrows and dashed lines. Fowler fails to teach or suggest configuring the positioning system with a menu displayed on a display device, as claimed.

The Applicants respectfully submit that this teaches away from the claim limitations recited in Claims 1, 12, and 25 of the present invention which recite a lightbar and a display device for displaying text, the menu for configuration and graphics.

The Applicants respectfully submit that McClure does not overcome the shortcomings of Gvili and Fowler. For example, McClure does not teach or suggest a data input device for scrolling, selecting, and editing operations as recited in Claims 1, 12, and 25 of the present invention. Furthermore, McClure does not teach or suggest a display device for displaying text, the menu for position determining system configuration and graphics as recited in Claims 1, 12, and 25 of the present invention.

The Applicants respectfully submit that Murphy also fails to overcome the shortcomings of Gvili, Fowler, and McClure. For example, Murphy does not teach or suggest a position determination system, a lightbar device, a data input device, a display device for displaying a menu for configuring the position determining system and a processor which are enclosed in a housing as recited in Claim 1. Similarly, the Applicants respectfully submit that Gvili does not

teach or suggest the recited Claim limitations recited in Claims 12 and 25 of the present invention.

The Applicants respectfully submit that the determination of obviousness cannot be based on the hindsight combination of components selectively culled from the prior art to fit the parameters of the present invention. There must be a teaching or suggestion within the prior art to select particular elements, and to combine them in the way claimed. The Applicants respectfully submit that motivation for combining the aircraft navigation systems of Gvili and Murphy with the land-based vehicle guidance systems of Fowler and McClure is lacking except to selectively combine components to fit the parameters of the present invention. The Applicants further submit that there is no motivation for combining the apparatus' of Gvili, Fowler, McClure, and Murphy in the manner recited in Claims 1, 12, and 25 of the present invention as each of the cited references teaches a complete and functional method. Accordingly, the Applicants respectfully submit that the rejection of Claims 1, 12, and 25 under 35 U.S.C. § 103 (a) is overcome.

Claims 2-3, and 5-11 depend from Claim 1 and recite additional limitations descriptive of embodiments of the present invention. Accordingly, the Applicants respectfully submit that the rejection of Claims 2-3, and 5-11 under 35 U.S.C. § 103 (a) is overcome.

Claims 13-14, and 16-24 depend from Claim 12 and recite additional limitations descriptive of embodiments of the present invention. Accordingly, the Applicants respectfully submit that the rejection of Claims 13-14, and 16-24 1 under 35 U.S.C. § 103 (a) is overcome.

Claims 26-30, and 32-35 depend from Claim 25 and recite additional limitations descriptive of embodiments of the present invention. Accordingly, the Applicants respectfully submit that the rejection of Claims 2-3, and 5-11 under 35 U.S.C. § 103 (a) is overcome.

Claims 25-27 and 35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fowler in view of McClure and Murphy. The rejection is respectfully traversed for the following rational.

As stated above, Fowler does not teach or suggest a position determination system adapted for determining a current position, or a lightbar device adapted for providing a visual representation of a deviation of the current position from a desired path to guide movement along the desired path, which are disposed in housing that also encloses a data input device, a display device and a processor as recited in Claim 1 of the present invention. Instead, Fowler also teaches away from the recited Claim limitations in column 3, lines 50-52 which state that the GPS receiver is external to the system. Furthermore, Fowler teaches in column 4, lines 31-44 that the display shows a number indicating a distance from a desired swath, as well as arrows and dashed lines. Fowler fails to teach or suggest configuring the positioning system with a menu displayed on a display device, as claimed.

The Applicants respectfully submit that McClure does not overcome the shortcomings of Fowler. For example, McClure does not teach or suggest a data input device for scrolling, selecting, and editing operations as recited in Claims 1, 12, and 25 of the present invention.

Furthermore, McClure does not teach or suggest a display device for displaying text, the menu for position determining system configuration and graphics as recited in Claims 1, 12, and 25 of the present invention.

The Applicants respectfully submit that Murphy also fails to overcome the shortcomings of Fowler and McClure. For example, Murphy does not teach or suggest a position determination system, a lightbar device, a data input device, a display device for displaying a menu for configuring the position determining system and a processor which are enclosed in a housing as recited in Claim 1.

For this rational, Claims 25-27 and 35 are patentable over Fowler in view of McClure and Murphy and allowance of Claims 25-27 and 35 is earnestly solicited.

CONCLUSION

In light of the above remarks, the Applicants respectfully request reconsideration of the rejected Claims.

Based on the arguments presented above, the Applicants respectfully assert that Claims 1-3, 5-14, 16-30, and 32-35 overcome the rejections of record and, therefore, the Applicants respectfully solicit allowance of these Claims.

The Examiner is invited to contact Applicants' undersigned representative if the Examiner believes such action would expedite resolution of the present Application.

Respectfully submitted,

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